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Amendments to the Claims

1. (Original) A combustor heatshield panel comprising:
 - an interior surface;
 - an exterior surface;
 - a plurality of cooling gas passageways having inlets on the exterior surface and outlets on the interior surface;
 - a plurality of studs extending from the exterior surface and having distal threaded portions; and
 - a plurality of standoffs having distal surfaces for engaging a mounting surface and protruding by a distance at least 0.2 mm greater than protrusion of any perimeter rail extending at least 20% of a length of a perimeter of the panel.
2. (Original) The panel of claim 1 wherein:
 - each standoff is formed as a collar or a pin array encircling a portion of an associated one of the studs.
3. (Original) The panel of claim 1 wherein:
 - said distance is at least 0.4 mm greater.
4. (Original) A combustor heat shield panel and shell combination comprising:
 - a heatshield panel comprising:
 - an interior surface;
 - an exterior surface;
 - a perimeter;
 - a plurality of cooling gas passageways having inlets on the panel exterior surface and outlets on the panel interior surface;
 - a shell comprising:
 - an interior surface;
 - an exterior surface;

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a plurality of cooling gas passageways having inlets on the shell exterior surface and outlets on the shell interior surface; and

means securing the panel to the shell so as to hold the panel exterior surface spaced apart from and facing the shell interior surface over a major area of the panel exterior surface, with a gap between the panel exterior surface and shell interior surface along at least a major portion of the perimeter.

5. (Original) The combination of claim 4 wherein the gap extends around the entirety of the perimeter.

6. (Original) The combination of claim 4 wherein the panel exterior surface has a rail within 12.7 mm of the perimeter extending toward the shell along a major portion of the gap

7. (Original) The combination of claim 6 wherein the rail extends around the entirety of the perimeter.

8. (Original) The combination of claim 4 wherein the panel exterior surface lacks a rail extending toward the shell along a major portion of the gap.

9. (Original) The combination of claim 4 wherein the gap has a height of at least 0.2 mm along a majority of the perimeter.

10. (Original) The combination of claim 4 wherein the means comprise a plurality of studs and wherein the heatshield and shell are noncontacting beyond areas within 12.7 mm of axes of the studs.

11. (New) The combination of claim 4 wherein:
the means comprise a plurality of studs;
the panel has a main body portion; and
each stud is either unitarily formed with the main body portion or is non-unitarily

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integrally formed with the main body portion.

12. (New) The combination of claim 11 wherein:
the means further comprise a plurality of standoffs;
chambers are formed between the studs, standoffs, panel exterior surface, and shell
interior surface.
13. (New) The combination of claim 4 wherein the panel perimeter has:
a leading edge;
a trailing edge; and
first and second lateral edges between the leading and trailing edges.
14. (New) The panel of claim 1 wherein:
the panel has a main body portion and each stud is either unitarily formed with the main
body portion or is non-unitarily integrally formed with the main body portion.
15. (New) The panel of claim 1 wherein the panel perimeter has:
a leading edge;
a trailing edge; and
first and second lateral edges between the leading and trailing edges.